

SZEITZ, K.

HALMAGYI, D.; FELKAI, B.; IVANYI, J.; HETENYI, G.; SZEITZ, K.

Investigations on the role of the nervous system in the pathomechanism of acute heart insufficiency. II. Effect of ergotamine derivatives on vascular pressure. Magyar. orvos. arch. 4 no.2:56-60 1951.

1. Doctors except Szeitz, Technician. 2. Internal Diseases Clinic (Director -- Prof. Dr. Geza Hetenyi) and Institute of Physiology (Director -- Prof. Dr. Bela Issekutz) of Szeged University.

32-114, 75  
HALMAGYI, D.; FELKAI, B.; HETENYI, G.; IVANYI, J.; SZEITZ, K.

Effect of sodium nitrite in acute cardiac insufficiency. *Magy. belorv. arch.* 4 no.2:60-62 1951. (CML 20:11)

1. Doctors, except Szeitz, Technician. 2. Internal Diseases Clinic (Director -- Prof. Dr. Geza Hetenyi) and Institute of Physiology (Director -- Prof. Dr. Bela Issekutz) of Szeged University.

SZEITZ, K.

HALMAGYI, D.; ROBICSEK, F.; FELKAI, B.; IVANYI, J.; ZSOTER, T.;  
SZUCS, Zs.; TENYI, M.; SZEITZ, K., technical assistant

Pulmonary circulation in experimental pulmonary stenosis. Acta  
med. hung. 5 no.3-4:335-345 1954.

1. Drs. Halmagyi, Felkai, Ivanyi, Szucs, and Tenyi are members of  
the staff of the First Department of Medicine, University Medical  
School, Szeged; Dr. Robicsek is a member of the staff of the  
Postgraduate Department of Surgery (Postgraduate Surgical Clinic),  
University Medical School, Budapest; Dr. Zsoter of the Second  
Department of Medicine, Szeged.

(PULMONARY STENOSIS, exper.

pulm. arteriolar resist. & pressure)

(LUNGS, blood supply

arteriolar resist. & pressure in exper. pulm. stenosis)

(BLOOD CIRCULATION

pulm., in exper. pulm. stenosis)

SZEITZ, K.

HALMAGYI, D.; ROBICSEK, F. (ROBICHEK, F.); FELKAI, B.; ZSOTER, T.; IVANYI, J.  
TENYI, M.; SZUCS, Zs. (SIUCH, Zh.); SZEITZ, K., technical assistant

Studies on experimental tricuspidal insufficiency in dogs. Acta  
med. hung. 5 no. 3-4: 347-361 1954.

1. Drs. Halmagyi, Felkai, Ivanyi, Szucs, and Tenyi are members of  
the staff of the First Department of Medicine, University Medical  
School, Szeged; Dr. Robicsek is a member of the staff of the  
Postgraduate Department of Surgery (Postgraduate Surgical Clinic),  
University Medical School, Budapest; Dr. Zsoter of the Second  
Department of Medicine, Szeged.

(TRICUSPID VALVE, diseases

\*exper. insuff. in dogs after removal of casps, hemodynamics)

HALMAGYI, D.,; ROBIGSEK, F.,; FELKAI, B.,; IVANYI, J.,; ZSOTER, T.,;  
SZUGS, Zs.,; Technischer Assistent: K. Szeitz.

Experimental chronic right cardiac insufficiency in dogs. Acta med.  
hung. 7 no.3-4:405-420 1955

I. I. und II. Medizinische Universitätsklinik, Szeged, und Klinik  
für Chirurgische Fortbildung der Medizinischen Universität,  
Budapest.

(TRICUSPID VALVE, diseases,  
exper. insuff.)

NOVASZEL, Ferenc, dr.,; FAREJIN, Imre, dr.,; KEMDE, Etelka, ; SZEITZ,  
Karoly, technikai segedletevel.

Data on the relationship of experimental atophan ulcer to  
adrenal cortical function. Magy. belorv. arch. 8 no.2:36-41 Apr 55.

1. A szegedi Orvostudoamnyi Egyetem I. sz. Belklinikajanak (Igazgato:  
dr. Geza egyet. tanar kozlemenye.

(STEROIDS, in urine,

17-keto, in exper. peptic ulcer prod. with cinchophen)

(URINE,

17-ketosteroids in exper. peptic ulcer prod. with  
cinchophen)

(CINCHOPHEN, effects,

exper. peptic ulcer, urinary 17-ketosteroids in )

(PEPTIC ULCER, experimental,

urinary 17-ketosteroids in cinchophen ulcer)

SZEJELY, Laszlo

Electrostatic treatment of textile fibers of upholstered furniture.  
Musz elet 19 no.7:15 20 Mr. '64.

SZEJNOCH, Jerzy

Recently graduated engineers show more and more interest in journalism. Przegl techn 84 no. 32: 8 11 Ag '63.

BYEJTLI, J., dr. (Budapest, XI., Gellert ter 4)

Studies of the iodine-amylose addition compound. Periodica  
polytechn chem 7 no.4:259-288 '63.

I. Lehrstuhl für Landwirtschaftlich-Chemische Technologie,  
Technische Universität, Budapest.

HOLLO, J., prof. dr. (Budapest, XI., Gellert ter 4); LASZLO, E., dr.  
(Budapest, XI., Gellert ter 4); SZEJTLI, J., dr. (Budapest,  
XI., Gellert ter 4); TOTH, M. (Budapest, XI., Gellert ter 4);  
VANDOR, E. (Budapest, XIV., Telepes utca 53)

Newer contributions to the chemistry of starch fractions.  
Pt. 14. Periodica polytechn chem 7 no.4:311-316 '63.

1. Lehrstuhl für Landwirtschaftlich-Chemische Technologie,  
Technische Universität, Budapest.

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SZEJTLI, JOZSEF

HUNGARY/Chemical Technology - Chemical Products and Their  
Application. Carbohydrates and Refinement.

I-11

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2797

Author : Hollo Janos, Szejtli Jozsef

Inst : -

Title : Rapid Amperometric Determination of Starch.

Orig Pub : Elelm. ipar, 1956, 10, No 4, 98-100

Abstract : Starch (S) was determined amperometrically by titration with 0.01 N solution of I. The absorption of I by potato S is of  $4.46 \pm 0.04\%$ , by wheat S of  $5.45 \pm 0.05\%$ . The method gave well reproducible results (provided that the adsorption of iodine by the given variety of S is known) which were similar to the results of the hydrolysis method (error  $\pm 1.0\%$ ). See also RZhKhim, 1956, 63523.

Card 1/1

SZEITLI, J.

Molecular structure of amylose. J. Hells and J. Szejtli  
(Tech. Univ., Budapest). *Zucker- u. Süßwarenindustrie*  
10, 227-2 (1958).—A review with 16 references. M. J.

km

POLAND/Analytical Chemistry. Analysis of Organic Substances.

E-3

Abs Jour: Ref. Zhur.-Khimiya, 1958, No II, 35971.

Author : J. Hollo, I. Szejtli  
Inst : Not given.  
Title : Study of Iodine Absorption by Amylose.

Orig Pub: Przem. spozywczy, 1957, II, No 10, 429-433.

Abstract: A new accurate and specific method of starch (I) determination through amperometric titration by 0.005-0.01 n.  $I_2$  solutions with Pt-electrodes is offered. This method is also applied for a quantitative control of amylose (II) aging process, which is accompanied by a proportional diminution of the capacity of II to react with  $I_2$ , and for the study of interaction between II and  $I_2$ . Iodine joins at first the internal sphere of the chains of II, which does not change the viscosity of the II solution,

Card : 1/3

18

POLAND/Analytical Chemistry. Analysis of Organic Substances.

E-3

Abs Jour: Ref. Zhur.-Khimiya, 1958, No II, 35971.

and then the surface of the chains of II, which causes an increase of II solution viscosity. Alkali decreases the capacity of I to interact with  $I_2$ , therefore its presence for the preparation of the indicator solution of II should be avoided. In order to carry out the amperometric titration, to the measured quantity of 4 to 6 mg of I, 25 ml water are added and heated; 5 ml of 1 n. HCl are added after cooling, electrodes are installed and the mixture is titrated by stirring it with the  $I_2$  solution and plotting a titration curve in a coordinate system: titrants volume (ml) - force of the current (mca). The content of I (in %) is computed according to the formula  $X = B \cdot 100/A$ , where A is the amount of  $I_2$  absorbed by the pure I, B-the amount of  $I_2$ , absorbed by the examined sample determined

Card : 2/3

by the amperometrical titration. It is found that  $A = 5.45 \pm 0.05\%$ . The error in determination of I does not exceed  $\pm 1\%$ .

Szejtli, J.; H ollo, J.

Newer data on the chemistry of starch fractions. II. p. 437

Magyar Tudomanyos Akademi. Kemiai Tudomanyok Osztalya. KOZLEMENYEI. Budapest, Hungary, Vol. 10, No. 4, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959

Uncl.

HUNGARY/Chemical Technology - Food Industry.

H-28

Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 83275

Author : Szejtli, J.

Inst : -

Title : Heating by the Use of High-Frequency Current and the Possibilities of Its Application in the Food Industry.

Orig Pub : Elem. ipar, 1958, 12, No 3, 63-66.

Abstract : No abstract.

Card 1/1

- 41 -

SZEJTLI, J.

AUTHORS: Khollo, Ya.; Seytli, Y. 69-58-2-17/23

TITLE: The Fractionation of Amylose According to the Degrees of Polymerization (Fraktsionirovaniye amilozy po stepeni polimerizatsii)

PERIODICAL: Kolloidnyy zhurnal, 1958, Vol XX, Nr 2, pp 229-232 (USSR)

ABSTRACT: The principal part of starch consists of amylopectine and amylose. For determining the characteristics of these substances their molecular weight must be known. This is obtained by decomposing the substances into fractions and determining the average molecular weight of the separate fractions. In this article, a new method for fractionating amylose is proposed. Amylose is dyed blue under the action of iodine. The amylose molecules form spirals in the coils of which the iodine molecules are located. The developing complexes amylose-iodine are in equilibrium with the free iodine in the solution. The amylose-iodine complex is an unstable colloid which is precipitated from the solution under the influence of electrolytes. This fact is used for fractionating the amylose. If the iodine solution is added to the amylose, iodine complexes are formed with molecules of a high degree of polymerization. Reactions with molecules of lower polymerization take place only after the others

Card 1/2

69-58-2 -17/23

The Fractionation of Amylose According to the Degrees of Polymerization

are saturated. If an electrolyte is present in the solution, the formed complexes are immediately precipitated. The characteristics of the various fractions of potato amylose are given in the table. The fractionating of wheat and corn amylose was carried out by similar methods. There is 1 table and 15 non-Soviet references.

ASSOCIATION: Budapeshtskiy tekhnicheskoy universitet, Kafedra sel'skokhozyaystvennoy khimicheskoy tekhnologii, Vengriya (Budapest Technical University, Chair of Agricultural Chemical Technology, Hungary)

SUBMITTED: October 15, 1957

1. Amylose--Fractionation
2. Polymerization--Applications
3. Amylose--Characteristics
4. Amylopectine--Characteristics

Card 2/2

Szejtli, J.; Gantner, G.; Hollo, J.

Investigation of the retrogradation of amylose. In English. p.95

PERIODICA POLYTECHNICA. CHEMICAL ENGINEERING. (Budapesti Muszaki Egyetem)  
Budapest, Hungary. Vol.3, no.2, 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11  
November 1959  
Uncl.

HOLLO, J., prof., dr. (Budapest); SZEJTLI, J. (Budapest); GANTNER, G.S.  
(Budapest)

The mechanism of the retrogradation of amylose. Periodica  
polytechnica chem 3 no.3:163-166 '59. (HEAI 9:6)

1. Institute of Agricultural Chemical Technology Polytechnical  
University, Budapest.  
(Amyloses)

WEDJES, A.: HOSLO, A.: WINTER, WY.

Newer data on the chemistry of starch fraction. III. Retrogradation of  
amylase. p. 165.

KOZLISZNYI L. Magyar Tudományos Akademia. Kemiai Kutatmányok Osztalya.  
Budapest, Hungary. Vol. 11, no. 4, 1959.

Monthly List of East European Accession (EMAI) LC, Vol. ~~XXXXXXXXXXXX~~ 1660  
9, No. 2, Feb. 1960

Uncl.

HOLLO, J., prof. (Budapest); SZEJTLI, J. (Budapest); GANTNER, G.S. (Budapest);  
LASZLO, E. (Budapest)

Cohesion of starch granules. Periodica polytechn chem 4 no.4:263-285  
°60. (EEAI 10:5)

1. Institut für Landwirtschaftlich-Chemische Technologie der  
Technischen Universität, Budapest.  
(Cohesion) (Starch) (Enzymes) (Light) (Granules)

HOLLO, Janos, a kemiai tudomanyok doktora (Budapest); SZEJTLI, Jozsef  
(Budapest); LASZLO, Elemer (Budapest)

Newer data on the chemistry of starch fractions. V. Decomposition  
of starch in alkaline agent. Kem tud kozl MTA 13 no.1:1-10 '60.  
(EEAI 10:2)

1. Budapesti Muszaki Egyetem, Mezogazdasagi Kemiai Technologiai  
Tanszek.

(Starch) (Glycosides)

SZEJTLI, Jozsef (Budapest)

Development of the chemical industry and the Gompertz curve. Magyar  
lap 15 no.12:539-543 D '60.

1. Budapesti Műszaki Egyetem, Mezőgazdasági Kémiai Technológiai  
Intézet.

SZEJTLI, Jozsef

On the capacity of chemical rocket fuels. Musz elet 15 no.14:12  
Jl '60. (EEAI 9:9)  
(Rockets)

SZEJTLI, Jozsef

Documentation and technical literature. Musz elet 15 no.15:3  
Jl '60. (EEAI 9:12)  
(Russia--Technology)  
(Documentation)

SZEJTLI, Jozsef

Application of high-frequency heating in the food industry. Musz  
elet 15 no.17:12 Ag '60. (EEAI 9:12)  
(Food) (Induction heating)

SZEJTLI, Jozsef

The effect of radioactive radiation on metals. Musz elet 15 no.20:  
10 s '60. (EEAI 10:1)

(Metals) (Radioactivity)

SZEJTLI, Jozsef

Quartz as a structural material. Musz elet 15 no.24:10 N '60.  
(EEAI 10:2)

(Quartz) (Building materials)

19 5  
✓ Reflection of  $\beta$ -particles. I.  $\beta$ -Particle reflections by organic compounds. János Holló, József Szejtli, and Attila Vértes (Műszaki Egyetem, Budapest, Hung.). *Magyar Kém. Folyóirat* 66, 9-13(1960).—An app. was constructed to enable the measurement of the reflected  $\beta$  radiation from org. powders or liquids per unit time. To calc. the effects of the anomalous behaviour of H, which absorbs rather than reflects the radiation, the "corrected H ordinal no." (ZH = -7.434) was introduced. By substituting this ZH value in the equations developed by Müller (CA 51, 11109a) the reflection of H-contg. org. compds. can be calcd. with greater accuracy. L. G. Arvai

97

SZEJTLI, Jozsef, dr.

Strontium-90 in our food. Term tud kozl 5 no.7:322-323 J1 '61.

SZEJTLI, Jozsef

Detergents. Musz elet 16 no.2:13 Ja '61.

(EEAI 10:9)

(Cleaning compounds)

SZEJTLI, Jozsef

The materials of future metal borides and carbides. Musz elet 16  
no.3:12 F '61. (TEAI 10:4)  
(Borides) (Carbides)

SZEJTLI, Jozsef

The climate technique and the man. Kusz elet 16 no.7:12 Mr '61.  
(EEAI 10:6)

(Air conditioning)

SZENTLI, Jozsef, dr.

An edible synthetic product. Musz elet 16 no.21:11 '61.

SZEJTLI, Jozsef, dr.

Infrared aerial photography in agriculture. *Musz elet* 17  
no.17:13 16 Ag '62.

EZEJTHI, Jozsef, dr.

Novelties in starching textiles. Musz elet 17 no.19:4  
13 S '62.

SZEJTLI, Jozsef, dr.; HOLLO, Janos, dr.; KOMLOS, Sandor

Laundry starching. Magy textil 15 no.1:26-28 Ja '63.

1. Budapesti Műszaki Egyetem (for Szejtli and Hollo). 2. Fovarosi  
Patyolat Vallalat. (for Komlos).

HOLLO, Janos, dr.; SZEJTLI, Jozsef, dr.; LASZLO, Elemer; GANTNER, Gyulane;  
KOMLOS, Sandor

Starching in laundry. Pt. 2. Magy textil 15 no.2:64-68 F '63.

1. Budapesti Muszaki Egyetem (for Hollo, Szejtli, Laszlo,  
Gantner). 2. Fovarosi Patyolat Vallalat (for Komlos).

KOMLOS, Sandor; SZEJTLI, Jozsef, dr.; HOLLO, Janos, dr.

Starching in laundries. Pt. 3. Magy textil 15 no.7:312-314 J1 '63.

1. Fovarosi Patyolat Vallalat (for Komlos).
2. Budapesti Muszaki Egyetem (for Szejtli and Hollo).

HOLLO, Janos, dr.; SZEJTLI, Jozsef, dr.; LASZLO, Elemer

Isotope laboratory exercises in teaching biological technology.  
Elelm ipar 16 no.11:322-323 N '62.

1. Budapesti Muszaki Egyetem Mezogazdasagi Kemiai Technologiai  
Tanszek.

SZEJTLI, Jozsef, dr.

Magnetic nuclear resonance spectroscopy. Musz elet 18  
no.8:7 11 Ap '63.

SZEJTLI, Jozef, dr.; HOLLO, Janos, dr.; KOMLOS, Sandor; GANTNER,  
Gyulane; HUSZAR, Jozsef; TOTH, Mihalyne

Laundry starching. Pt. 4. Magy textil 16 no. 2:78-80  
F '64.

1. Budapesti Muszaki Egyetem (for Szejtli and Hollo).
2. Fovarosi 'atyolat Vallalat (for Komlos).

SZEJTLI, Jozsef, dr.

Duckweeds in the spaceship? Musz elst 19 no.18:11 27 Ag '64

SZEJTLI, Jozsef, dr.

Biological information storage. Musz elet 19 no.25:12  
3 D '64.

SZEJTLI, Jozsef, a kemiai tudományok kandidátusa; VARSANYI, György a kemiai tudományok doktora; DEAK, Gyula, a kemiai tudományok kandidátusa; NEDELKOVITS, János, dr.

On a dissertation of a Candidate of Chemical Sciences. Elelm ipar  
19 no.3:93-94 Mr '65.

SZEJNAC, A.

Means of calculating sensitivity of clay to drying. p.286  
MATERIALY BUDOWLANE (Naczelna Organizacja Techniczna) Warszawa  
Vol. 10, no. 10, Oct. 1955

So. East European Accessions List

Vol. 5, No. 1

Jan. 1956

SZEJMAC, A.

For more effective investments in the building materials  
industry. P. 9 MATERIALY BUDOWLANE (Naczelna Organizacja Techniczna)  
Vol. 11, no. 1, Jan. 1956

SOURCE: BEAL IC Vol. 5, no. 7, July 1956

SWAC, A DAM

SZEKACS, I.

SZEKACH, I. [Szekacs, I.]

Preparation of plasma of serum in microliter quantities. Vop.  
virus 8 no.2:237-238 Mr-4p'63 (MIRA 16:12)

1. Gosudarstvennyy institut gigiyeny, Budapesht, Vengriya.

EXCERPTA MEDICA Sec.4 Vol.11/5 Microbiology, etc. May 1958

SZÉKÁCS, J.

1223. THE VIRUS RECEPTOR OF ERYTHROCYTES TREATED WITH PERIODIC ACID - Zur Frage des Virusrezeptors von periodat-behandelten roten Blutkörperchen - Székács I. Abt. für Virusforsch., Staatl. Inst. für Volksgesundheitswesen, Budapest - EXPERIENTIA (Basel) 1957, 13/3 (108-110) Periodic acid oxidation is presumed by Hirst (J. exp. Med. 1948, 87, 301; Exc. Med., S. IV, Vol. 1, abstr. 5285) to interfere with the influenza virus receptor function of erythrocytes. The present report, however, denies the identity of the periodate-oxidized erythrocyte 'receptors' with the virus receptors.

Edgar - Amsterdam

SZERACS, I.

An attempt to detect nucleohistone-417 in erythro-  
cytes. Szeracs, I. and J. Szabolcs. *Acta Medica*  
Budapest. *Experientia* 13: 64-65 (1957) in German.

SZEKACS, I.

"A micromethod for the polarographic determination of serine," J. Ladik and I. SZEKACS, State Inst. of Hygiene, Dept. of Biochemistry and Isotope Research, Budapest IX, Nature, Supplement No. 4, Vol. 184 (4681), 18 July 1959, p. 188.

SZEKACS, Istvan; FEHER, Tibor

Decontamination of radioactive liquids. Pt. 1. Magyar  
folyoir 65 no. 6:218-221 Je '59.

1. Orszagos Kozegeszsegugyi Intezet Biokemial es Izotop  
Osztalya, Budapest.

SZEKACS, Istvan, dr.

Obtaining plasma or serum in microliters. Orv. hetil. 103 no.16:  
753-754 22 Ap '62.

1. Orszagos Kozegeszsegugyi Intezet, Biokemiai es Izotop Osztaly.

(BLOOD) (TECHNOLOGY MEDICAL)

KLEMBALA, Marta, dr.; SZEKACS, Istvan, dr.

Modified technic for the identification of amino acids on one-dimensional paper-chromatogram. Orv. hetil. 105 no.35:1658-1659 Ag 30 '64.

1. Biokemiai es Izotop Osztaly, Orszagos Kozegeszsegugyi Intezet.

SZEKASZ, G.

"Destructive tempests and floods in January and February." p.185  
(TERMEZET ES TECHNIKA, Vol. 112, no.3, Mar. 1953, Budapest.)

SO: Monthly List of East European Accessions, Vol 2, #8, Library of  
Congress, Aug. 1953, Uncl.

Szekely, A.; Ujhelyi, J.

Use of blast furnace foam cinder in the construction of medium and large blocks. p.405

MAGYAR EPITOIPAR. (Epiteipari Tudomanyos Egyesulet) Budapest, Hungary  
Vol.8, no.8, August 1959

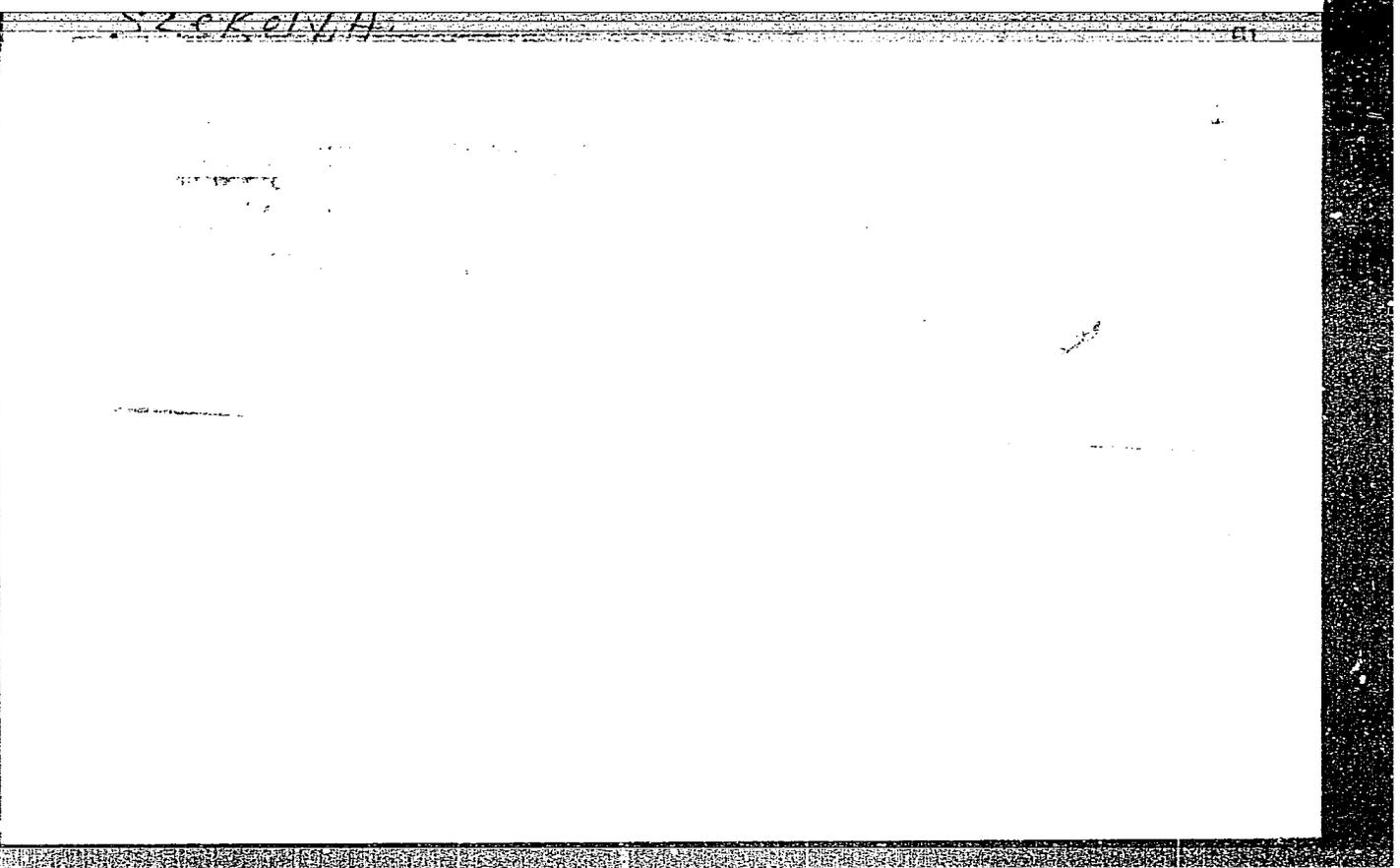
Monthly List of East European Accessions (EEAT) LC, Vol.8, no.11  
November 1959  
Uncl.

SZEKELY, A.

Treatment with carbon dioxide against sulfate corrosion. p.376

EPITOANYAG, (Epitoanyagipari Tudományos Egyesület)  
Budapest, Hungary  
Vol. 11, no.10, Oct. 1959

Monthly List of East European Accessions (EEAI) LC., Vol. 8, no.12, Dec. 1959  
Uncl.



SZEKELY, A.

Country : HUNGARY  
Category : Farm Animals. Q-2  
Cattle.

Abs. Jour : Res. Hum-Biol., No 14, 1953, 74000

Author : Masbok, S.; Szekely, A.; Nagy, E.  
Institut. : Hungarian Academy of Sciences.

Title : Data on the Anatomy of the Bronchial System  
and the Lungs' Angioarchitecture in Cattle.

Orig. Pub. : Acta. Veterin. Acad. Sci. Hung., 1955, 7, No 4,  
307-332

Abstract : The lung lobes, bronchies and blood vessels of  
35 calves 2-9 months old and of 7 heads of  
young cattle stock (1-2 years) were investiga-  
ted by the use of corrosion preparations. The  
total weight of both lungs (without the  
trachea) amounted to 330 g, the weight of the  
upper lobe of the right lung amounted to 140 g,  
and of the left to 110 g; each cardiac lobe  
weighed 55 g, the diaphragm part of the right  
lung weighed 320 g, of the left lung 290 g, the

Card: 1/4

Country : HUNGARY  
Category : Farm Animals. Q-2  
Cattle.  
Abs. Jour : Ref Zhur-Biol., No 16, 1958, 74000  
Author :  
Institut. :  
Title :  
Orig Pub. :  
Abstract : main bronchus and about 1.1 times greater than  
the greatest length of the lungs (the distance  
from the top of the lungs to the end of their  
base). The angle between the main bronchi  
equals about  $55^{\circ}$ , the right main bronchus  
forms an angle of  $20^{\circ}$  with the center line,  
the left forms an angle of  $35^{\circ}$ . The branches  
of the primary artery are situated at the  
lateral side of the corresponding bronchi  
(with the exception of upper lobes where they  
Card: 3/4

SZANKO, A.

Szanko, A.

"Recent methods of drying cloth." p. 61.

(Magyar Textiltechnika. No. 2, Feb. 1953, Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, No. 9, Library of Congress, September 1953, Uncl.

A. SZEKELY.

"Some Properties of Hemp Fibers." p. 98 (Magyar Textil Technika, No. 4, Apr. 1953  
Budapest.)

Vol. 2 no. 9

SO: Monthly List of East European Accessions./Library of Congress, Sept 1953, Uncl.

SZEKELY, A.

SZEKELY, A. Examination of the whiteness of textile fabrics. p. 337.

No. 9, Sept. 1955.  
MAGYAR TEXTILTECHNIKA.  
TECHNOLOGY  
Budapest, Hungary

SO; East European Accession, Vol. 5, No. 5, May 1956

Country : HUNGARY  
Category= : Chemical Technology. Chemical Products (Part 4).  
Abs. Jour. : Ref Zhur-Khim, 1959, No 7, 25896  
Author : Szentpaly, T.; Becker, V.; Szokely, A.  
Institut. : -  
Title : Evaluation of Light-Fastness with the Zeiss  
Leukometer. Measurement of the Color Changes  
(Lighting, Fading) of the Original Sample by  
Orig. Pub. : Magyar textiltechn., 1957, No 1, Means of  
19-21; No 2, 99-102 Instruments  
Abstract : While for white materials the evaluation of  
fading by eye agrees with the data of the objec-  
tive determination by an international gray  
scale, the evaluation of fading of colored sam-  
ples by empirical scales of discoloration, com-  
posed of the four basic colors, strongly differs  
from its determination by the gray scale. Parti-  
cularly great differences are observed in deter-  
mining the fading degrees 5, 4, and 3, which are  
practically impossible to distinguish by eye.--  
G. Yudkovich  
Card: 1/1

#-163

SZEKELY, Adam, dr.

Up-to-date and cheap building materials in agricultural  
construction. Magyar nyelv és irodalom no.8:363-365 '62.

HEGEDUS, Tibor; NEMETH, Andras; SZEKELY, Attila

World situation and prospective trend of the manufacture of plasticizers. Magy kem lap 19 no. 1: 30-35 Ja '64.

1. Vegyipari INVEST Vallalat Kozgazdasagi Foosatalya.

CA

A quick method for the determination of easily soluble

potassium in soils on the spot. Ákos Székely, *Agrokémia* 2, 157-74(1950).—After a crit. test of various methods the following new procedure was developed. Place 5 g. air-dry, finely disintegrated soil in a 9-cm. filter, pour 10 ml. solvent (prepd. according to Morgan by dissolving 100 g. NaOAc in 500 ml. distd. water, adding 30 ml. glacial AcOH, and dilg. to 1 l.), shake the filtrate, measure 0.5 ml. of the filtrate into a test tube, add 1.0 ml. 96% EtOH, shake, and add 2 drops of a reagent. (This is prepd. by dissolving 50 g. cobaltinitrate in 100 ml. distd. water and after soln. is complete, adding 25 ml. glacial AcOH. One part of this liquid is mixed with 3 parts of a soln. of 240 g. NaNO<sub>2</sub> in 300 ml. distd. water, shaken, allowed to stand for a day, and filtered.)  
b) Wait 10 sec., shake 10 times and det. the turbidity of the liquid in a turbidimeter. A table was worked out for reading the fertilizer requirements on the basis of the turbidimeter values. 18 references. István Finály

SZEKELY, AKOS

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*Chem. Abstr. 448*  
*11-25-54*  
*Soils + Fertilizers*

Possibility of reclaiming alkali soils with coal slag and flue dust. Akos Székely and György Pántos (Univ. Agr. Sci., Budapest). *Agrokémia és Talajtan* 2, 109-18(1953). Irrigation expts. in pots with soils treated with slag showed salt efflorescences on the surface of soil aggregates, cracks, and disappearance of the glossy surface of alkali soils. Both slag and flue dust rich in S coagulate the aq. suspension of alkali soils in a degree similar to chem. agents and seem suitable for reclamation as active and cheap substances.

SZÉKELY, AKOS

Examination of humic acid extract light-absorption curves of some Hungarian soils. László Hargitai and Akos Székely. *Agrártudományi Egyetem Agron. Köz. Kiadványai*, No 16, 16 pp. (1954) (German summary).—The humic acid ext. absorption curves are characteristic for each grade of soil. For the detn. of the curves the samples were decalcified with 0.2% HCl and treated with 0.5% NaOH and shaken several times during 24 hrs. After 48 hrs. the extinction curves were measured with a Pulfrich photometer by using a 10 mm. cuvette. The extinction values were calcd. for 1% alkali-sol. org. matter. Samples with high org. contents were dild. The characteristic graphs of different soils were compared.

A. Halasz

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SZÉKELY, ÁKOS

Effects of pronounced dryings and wettings on the alkalization of soils. Ákos Székely. *Agrárudományi Egyetem Agron. Kar Kiadványai* 1, No 17, 18 pp. 1954 (German summary).—The elec. resistivities of several soil filtrates were measured before and after pronounced drying at various temps. It was noticed that the soils after drying released 0.5-1% sol. salts. If these could not be washed out from the soil, because of impermeable underlayers, alkalization occurred. A. Halasz

WJ-1

SZEKELY, A.

My geomorphological study trip in Czechoslovakia.

P. 224, (Foldrajzi Ertesito) Vol. 6, no. 2, 1957, Budapest, Hungary

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

SZEKELY, A.

Geomorphology of the Tarna Valley. p. 389.

FOLDRAJZI ERTESITO. (Magyar Tudományos Akadémia. Földrajztudományi Kutatócsoport)  
Budapest, Hungary. Vol. 7, no. 4, 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 7, July 1959  
uncla.

SZEKELY, Akos

$\beta$  activity of potassium fertilizers. Supplement Analitikai Kozleenyek  
7 no.1:135-138 '61.

1. Orszagos Mezogazdasagi Minosegvizsgalo Intezet Fiziko-Kemiai  
Laboratoriuma.

MAYER, Laszlo; SZEKELY, Andras

Development in the gluing technology of the clothing industry;  
excerpts from an article. *Muzs elet* 17 no.26:13 20 D '62.

SZEKELY, Andras

Sticking technology in the clothing industry. Magy textil  
14 no.9:401 S '62.

1. Textilipari Kutato Intezet.

SZERENYI, Jozsef, dr. ; SZEKELY, Andras, dr.

Results and experiences based on specialized medical examination of nursery age children in the Jaszbereny district. Nepegeszsegugy 45 no.5:139-141 My'64

SZEKELY, Andras

Some tests on glued and unwoven textiles prepared by means of  
Hungarian and foreign binding materials. Magy textil 16 no.7:  
318-320 J1 '64.

1. Research Institute of the Textile Industry, Budapest.

BARAT, Gyorgy, textiltechnikus; SZÉKELY, Andras, okleveles vegyészmérnök

Standardization of unwoven fabrics. Szabvány Kozl 16 no.10:169-171  
0 '64.

1. Hungarian Bureau of Standards, Budapest (for Barat). 2. Research  
Institute of Textile Industry, Budapest (for Szekely).

SZEKELY, Andras

Fluorescence of sanitary goods. *Magy textil* 16 no.33:490-496 K '64.

1. Research Institute of Textile Industry, Budapest.

SZEKELY, Andras, dr., egyetemi adjunktus

"The Zemplen Mountains" by Odon Tamasko, Reviewed by Andras Szekely. Foldr kozl 7 no.4: 378-380'59.

1. Magyar Foldrajzi Tarsasag vlasztmanyi tagja.

SZEKELY, Andras, dr., egyetemi adjunktus

Formation and configurations of the western part of the  
Matra Mountains. Földr közl 8 no.3:251-278 '60.

1. Magyar Földrajzi Társaság választmányi tagja.

SZEKELY, Andras, dr., egyetemi adjunktus, a földrajztudományok kandidátusa

"Physical geography of the Nyirseg" by Dr.Zoltan Borsy. Reviewed by Dr. Andras Szekely. Foldr kozl 10 no.2:208-211 '62.

1. Magyar Földrajzi Társaság Természeti Földrajzi Szakosztályának titkara.

BULLA, Bela, dr., egyetemi tanar (deceased); SZEKELY, Andras, dr.,  
egyetemi adjunktus, a földrajztudományok kandidátusa

Report on the work of the Division of Physical Geography.  
Foldr kozl 10 no.3:299-300 '62.

1. Magyar Földrajzi Társaság Természeti Földrajzi  
Szakosztályának elnöke (for Bulla). 2. Magyar Földrajzi  
Társaság Természeti Földrajzi Szakosztályának titkara  
(for Szekely).

MAROSI, Sandor; SZEKELY, Andras, dr., a földrajzi tudományok kandidátusa;  
PECSI, Marton, dr., a földrajzi tudományok kandidátusa;  
LANG, Sandor, dr., a földrajzi tudományok kandidátusa;  
SZABO, Pal Zoltan, dr., a földrajzi tudományok kandidátusa;  
RADO, Sandor, dr., a földrajzi tudományok doktora;  
SZADE CZKY-KARDOSS, Elemer, dr., akadémikus; KRETZOI, Miklos, dr.,  
a föld- és asvanytani tudományok doktora; KADAR, Laszlo, dr.,  
a földrajzi tudományok doktora

A debate about Candidate Dr. Andras Szekely's dissertation  
entitled "The formation and surface forms of the Matra Mountains  
and their vicinity." Földrajzi ert 12 no.1:99-118 '62.

1. "Földrajzi Ertesito" szerkesztoje (for Marosi).

SZEKELY, Andras, dr., egyetemi adjunktus

"Formation and surface morphology of the Danube Valley in Hungary" by Dr. Marton Pecsí. Reviewed by Dr. Andras Szekely. Foldr. kozl. 8 no.3:303-307 '60.

1. Magyar Foldrajzi Tarsasag valasztmanyi tagja.

SZEKELY, Andras, dr., egyetemi adjunktus; BULLA, Bela, dr., egyetemi tanar;  
MAJOR, Jenő, dr.; KOCH, Ferenc, dr., egyetemi tanar;  
TOTH, Aurel, közepiskolai tanar; KAZAR, Leona, tanszékvezető  
tanar; DUDAR, Tibor; RADO, Sándor, egyetemi tanar, a  
foldrajztudományok doktora; DEZSENYI, János, dr.; KARLOCAI, János, dr.;  
LANG, Sándor, dr., egyetemi docens, a foldrajztudományok kandidátusa  
(Szeged); KORPAS, Emil, dr., egyetemi docens, a foldrajztudományok  
kandidátusa (Szeged); PENZES, István, dr. (Szeged); KOLTA, János, dr.;  
SZABO, Pál Zoltán, dr., foldrajzi tudományok kandidátusa;  
PINCZES, Zoltán, dr.; KADAR, László, dr.; FRISNYAK, Sándor;  
PEJA, Győző, dr., foldrajztudományok kandidátusa

Reports on the work of the Divisions and country sections at  
the 82d general assembly of the Hungarian Geographical Society.  
Foldr közl 8 no.3:323-386 '60.

1. Magyar Foldrajzi Társaság választmányi tagja (for Szekely,  
Toth, Kazar, Karlocai, Lang, Korpas, Kolta, Szabo, Pinczes,  
Peja).
2. Magyar Foldrajzi Társaság társelnöke (for Bulla,  
Koch and Rado).
3. "Foldrajzi Közlemények" szerkesztő  
bizottsági tagja (for Koch and Rado).
4. Magyar Tudományos  
Akadémia levelező tagja (for Bulla).
5. Magyar Foldrajzi  
Társaság Természeti Foldrajzi Szakosztály elnöke (for Bulla).

(Continued on next card)

SZEKELY, Andras—(continued) Card 2.

6. Magyar Foldrajzi Tarsasag Termeszeti Foldrajzi Szakosztaly titkara (for Szekely). 7. Magyar Foldrajzi Tarsasag Gazdasagi Foldrajzi Szakosztaly elnoke (for Koch). 8. Magyar Foldrajzi Tarsasag Gazdasagi Foldrajzi Szakosztaly titkara (for Major). 9. Magyar Foldrajzi Tarsasag Oktatasmodszertani Szakosztaly elnoke, es Kozponti Pedagogus Tovabbkepzo Intezet (for Major). 10. Magyar Foldrajzi Tarsasag Oktatasmodszertani Szakosztaly titkara, es szakfelugyelo (for Toth). 11. Magyar Foldrajzi Tarsasag Terkepeszeti Szakosztaly elnoke (for Rado). 12. Magyar Foldrajzi Tarsasag Terkepeszeti Szakosztaly elnoke (for Rado). 13. Magyar Foldrajzi Tarsasag Termeszettjaro Csoport (for Dezsényi and Karlocai). 14. Vallalati jogtanacsos (for Karlocai). 15. Magyar Foldrajzi Tarsasag Szegedi Osztalya elnoke (for Lang and Korpas). 16. Magyar Foldrajzi Tarsasag Szegedi Osztalya titkara (for Penzes). 17. Magyar Foldrajzi Tarsasag Del-Dunantuli Osztalya elnoke, es tudomanyos intezeti igazgato, Pecs (for Szabo). 18. Magyar Foldrajzi Tarsasag Del-Dunantuli Osztalya titkara, es tudomanyos munkatars, Pecs (for Kolta). (Continued on next card)

SZEKELY, Andras--(continued) Card 3.

19. Magyar Foldrajzi Tarsasag Tisztantuli Osztalya elnoke (for Kadar).
20. Magyar Foldrajzi Tarsasag Tisztantuli Osztalya titkara (for Pinczes).
21. Magyar Foldrajzi Tarsasag Miskolci Osztalya Elnoke, es Kossuth-dijas gimnaziumi igazgato (for Peja).
22. Magyar Foldrajzi Tarsasag Miskolci Osztalya titkara (for Frisnyak).

SZEKELY, Andras, dr., egyetemi adjunktus, a földrajztudományok kandidátusa

On geographical field work in Rumania, Foldr kozl 11 no.2:182 '63.

1. Magyar Földrajzi Társaság választmányi tagja.

SZEKELY, A.

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*Wireless Engineer  
Feb 1954  
Valves & Thermonics*

Control of the Discharge Current in Gas-Filled Valves with Grids by means of Small Alternating Voltages.—A. Székely. (*Acta phys. austriaca*, May 1953, Vol. 7, No. 2, pp. 164-180.) Measurements were made on a Philips Type-4890 triode with the grid connected to the cathode via a high resistance. Application of a small alternating voltage to the grid or anode causes the mean grid potential to become negative with respect to the cathode, thereby raising the ignition voltage. If the circuit is tuned to the applied voltage, this rise in ignition voltage is eliminated. The true variation of ignition voltage with frequency is observed by tuning the circuit to a frequency very different from that of the applied voltage. Results are shown graphically. Application of small alternating voltages can also be used for extinguishing discharges.

SECKELY, A.

Semiempirical method for calculating thermodynamic properties; the thermodynamic data of 1, 2, 3, 4, -tetrahydronaphthalene. In English. p. 316.  
ACTA CHIMICA, Budapest, Vol. 5, no. 3/4, 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955 ,  
Uncl.

SZEKELY, A.

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✓ The thermodynamic of radiopropagated particles are  
studied in this paper. The results are  
presented in the form of a table.  
The table shows the values of the  
thermodynamic parameters for the  
radiopropagated particles. The  
values are given in the form of  
a table.

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SZEKELY ANDRAS

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COUNTRY : HUNGARY H  
CATEGORY : Chemical Technology. Chemical Products and  
Their Applications. Industrial Organic Synthe\*  
ABS. JOUR. : RZKhim., No. 23 1959, No. 83112  
AUTHOR : Haldenger, E.; Szabenyi, I; Szekely, A.  
INST. : -  
TITLE : Solubility of Individual Components of Methane  
Partial Oxidation in Dimethylformamide  
ORIG. PUB. : Magyar kem. folyoirat, 1958, 64, No 10, 365-  
-371  
ABSTRACT : Absorbition at equilibrium conditions of indi-  
vidual components of the product gas resulting  
from partial oxidation of methane (C<sub>2</sub>H<sub>2</sub>, CO<sub>2</sub>,  
CH<sub>4</sub>, CO, H<sub>2</sub>, N<sub>2</sub>) in dimethylformamide(I) was  
studied at 5, 20, 40° and in the pressure  
range of 40 - 1000 mm Hg. Abs. Described is  
the processing scheme and procedure of the  
experiments. It was established that water  
content of I lowers considerably its  
\*sis.  
CARD: 1/2

H - 56

COUNTRY :  
CATEGORY :

ABS. JOUR. : RZKhim., No. 23 1959, No. 83112

AUTHOR :  
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TITLE :

ORIG. PUB. :

ABSTRACT : absorptive capacity. As for example, when wa-  
ter content is increased from 0.2 to 2.0%  
absorption of  $C_2H_2$  drops off (at 20° and 760 mm)  
by 6%, at a water content of 5% it drops off  
by 21%, at 6.8% by 31%. The authors consider  
that, with economics permitting, the water  
content of I (in the main scrubber) should not  
exceed 0.2 - 0.3%.-- S. Rosenfel'd.

CARD: 2/2

SZEKELY, Andras, dr., a földrajzi tudományok kandidátusa

The state and principal problems of geomorphology in Poland.  
Földrajzi ert 12 no.2:266-276 '63.

VINCE, Istvan, dr.; SZEKELY, Aron, dr.

Clinical and bacteriological observations in enteral infections  
in infant. *Gyermekgyógyászat* 5 no.12:381-385 Dec 54.

1. A Budapesti Orvostudományi Egyetem I. sz. Gyermekklinika-jának  
közleménye. (Igazgató: Dr. Gegesi Kiss Pál egyet. tanár, akadémikus.  
(GASTROINTESTINAL DISEASES, in inf. & child.  
dyspepsia, clin. & bacteriol. aspects)